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=> File .Biotech
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=> s (Histidine Tag or His Tag or Poly His Tag)
L1       24075 (HISTIDINE TAG OR HIS TAG OR POLY HIS TAG)

=> s L1 and (cleav?)
L2       13726 L1 AND (CLEAV?)

=> s L2 and (transitional metal)
L3          13 L2 AND (TRANSITIONAL METAL)

=> s L2 and (metal ions)
L4        1926 L2 AND (METAL IONS)

=> s L3 and L4
L5           8 L3 AND L4

=> s L3 and (buffer)
L6          13 L3 AND (BUFFER)

=> s L6 and (reducing agent)
L7           2 L6 AND (REDUCING AGENT)

=> s L6 and (oxidizing agent)
L8           0 L6 AND (OXIDIZING AGENT)

=> s L6 and (Copper or Cu or Cobalt or Co)
L9          13 L6 AND (COPPER OR CU OR COBALT OR CO)

=> s L9 and (hydrogen peroxid or H2O2)
L10          0 L9 AND (HYDROGEN PEROXID OR H2O2)

=> s L9 and (ascorbate)
L11          0 L9 AND (ASCORBATE)

=> s L3 and (hydrgen peroxide or ascorbate)
L12          0 L3 AND (HYDRGEN PEROXIDE OR ASCORBATE)

=> s L3 and (oxidizing agent or agents)
L13         13 L3 AND (OXIDIZING AGENT OR AGENTS)

=> s L13 and (reducing agent or agents)
L14         13 L13 AND (REDUCING AGENT OR AGENTS)

=> s L13 and L14
L15         13 L13 AND L14

=> s l15 and (hydrogen peroxide)
L16          5 L15 AND (HYDROGEN PEROXIDE)

=> s L15 and (ascorbate)
L17          0 L15 AND (ASCORBATE)

=> s L15 and (Copper or Cu or Cobalt or Co)
L18         13 L15 AND (COPPER OR CU OR COBALT OR CO)

=> dup rem L18
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PROCESSING COMPLETED FOR L18
L19 13 DUP REM L18 (0 DUPLICATES REMOVED)

=> d l19 1-13 bib ab

L19 ANSWER 1 OF 13 USPATFULL on STN
AN 2009:172634 USPATFULL <<LOGINID::20090721>>
TI Antibodies to MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20090155248 A1 20090618
AI US 2008-14067 A1 20080114 (12)
RLI Continuation of Ser. No. US 2005-254185, filed on 18 Oct 2005, ABANDONED
Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, Pat. No. US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 23
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L19 ANSWER 2 OF 13 USPATFULL on STN
AN 2009:145929 USPATFULL <<LOGINID::20090721>>
TI SIALIC ACID ABC TRANSPORTERS IN PROKARYOTES THERAPEUTIC TARGETS
IN Gibson, Bradford W., Berkeley, CA, UNITED STATES
Munson, Robert S., Hilliard, OH, UNITED STATES
Post, Deborah M., Fairfax, CA, UNITED STATES
PA BUCK INSTITUTE, Novato, CA, UNITED STATES (U.S. corporation)
PI US 20090131524 A1 20090521
AI US 2006-916975 A1 20060531 (11)
WO 2006-US21202 20060531
20081222 PCT 371 date
PRAI US 2005-689151P 20050607 (60)
DT Utility
FS APPLICATION
LREP Weaver Austin Villeneuve & Sampson LLP, P.O. BOX 70250, OAKLAND, CA, 94612-0250, US
CLMN Number of Claims: 39
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 2903
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel bacterial sialic acid transporter that is a member of the family of ABC transporters. The transporter is a useful target for pharmaceuticals.

L19 ANSWER 3 OF 13 USPATFULL on STN
AN 2008:58714 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 polypeptides
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20080051559 A1 20080228
AI US 2007-669725 A1 20070131 (11)
RLI Division of Ser. No. US 2005-253869, filed on 18 Oct 2005, GRANTED, Pat. No. US 7227009 Division of Ser. No. US 1999-410362, filed on 30 Sep 1999, GRANTED, Pat. No. US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 16
ECL Exemplary Claim: 1-80

DRWN 8 Drawing Page(s)
LN.CNT 5329
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L19 ANSWER 4 OF 13 USPATFULL on STN
AN 2007:183634 USPATFULL <<LOGINID::20090721>>
TI Method for assembling a polymer-biologic delivery composition
IN Turnell, William G., Del Mar, CA, UNITED STATES
Parcher, Benjamin W., San Diego, CA, UNITED STATES
Charles, Catherine H., Encinitas, CA, UNITED STATES
Pabba, Chittari, San Diego, CA, UNITED STATES
Vitiello, Maria A., La Jolla, CA, UNITED STATES
PA MediVas, LLC, San Diego, CA, UNITED STATES (U.S. corporation)
PI US 20070160622 A1 20070712
AI US 2006-636230 A1 20061207 (11)
PRAI US 2005-748486P 20051207 (60)
US 2006-858173P 20061110 (60)
DT Utility
FS APPLICATION
LREP DLA PIPER US LLP, 4365 EXECUTIVE DRIVE, SUITE 1100, SAN DIEGO, CA, 92121-2133, US
CLMN Number of Claims: 71
ECL Exemplary Claim: 1
DRWN 13 Drawing Page(s)
LN.CNT 4175
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A one-step method for assembly of delivery compositions for one or more antigens or therapeutic biologics is based on non-covalent affinity capture of molecules from solution using a biodegradable polymer having functional groups to which the affinity ligand binds. The polymer-bound affinity complex, which includes the molecule(s) of interest is then recovered from the reaction solution, for example, by size exclusion filtration, to yield the assembled delivery composition. The affinity ligand can be a monoclonal antibody or a metal affinity ligand with bound metal transition ion. The assembled delivery compositions can be formulated as polymer particles, which can then be lyophilized and reconstituted for in vivo delivery of the non-covalently complexed antigen(s) or therapeutic biologic(s) with substantial native activity.

L19 ANSWER 5 OF 13 USPATFULL on STN
AN 2006:308189 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
Nielsen, Ulrik B., Brookline, MA, UNITED STATES
Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060263801 A1 20061123
AI US 2006-361312 A1 20060224 (11)
RLI Division of Ser. No. US 2001-981636, filed on 16 Oct 2001, GRANTED, Pat. No. US 7045283
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501, US
CLMN Number of Claims: 24
ECL Exemplary Claim: 1-43
DRWN 8 Drawing Page(s)
LN.CNT 2216
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

L19 ANSWER 6 OF 13 USPATFULL on STN

AN 2006:280987 USPATFULL <<LOGINID::20090721>>
TI COMPOSITIONS FOR DELIVERY OF THERAPEUTICS AND OTHER MATERIALS, AND METHODS OF MAKING AND USING THE SAME
IN Bolotin, Elijah M., Kirkland, WA, UNITED STATES
PI US 20060239924 A1 20061026
AI US 2006-428803 A1 20060705 (11)
RLI Continuation of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING
PRAI US 2002-360350P 20020227 (60)
DT Utility
FS APPLICATION
LREP DARBY & DARBY P.C., P.O. BOX 5257, NEW YORK, NY, 10150-5257, US
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 2631
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to biocompatible compositions comprising a carrier with a first metal binding domain, a metal ion, an active agent with second metal binding domain and optionally a protective chain covalently attached to the polymeric carrier.

L19 ANSWER 7 OF 13 USPATFULL on STN
AN 2006:124247 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 POLYNUCLEOTIDES AND POLYPEPTIDES
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060104979 A1 20060518
US 7227009 B2 20070605
AI US 2005-253869 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5095
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L19 ANSWER 8 OF 13 USPATFULL on STN
AN 2006:117783 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060099625 A1 20060511
AI US 2005-254185 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5119
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L19 ANSWER 9 OF 13 USPATFULL on STN
AN 2006:110718 USPATFULL <<LOGINID::20090721>>
TI Compositions for treatment with glucagon-like peptide, and methods of making and using the same
IN Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI US 20060093660 A1 20060504
AI US 2005-266002 A1 20051103 (11)
RLI Continuation of Ser. No. US 2005-112879, filed on 22 Apr 2005, PENDING Continuation-in-part of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING
PRAI US 2004-564710P 20040423 (60)
US 2002-360350P 20020227 (60)
DT Utility
FS APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3104
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and GLP-1.

L19 ANSWER 10 OF 13 USPATFULL on STN
AN 2006:95221 USPATFULL <<LOGINID::20090721>>
TI Membrane type serine protease 1 (MT-SP1) and uses thereof
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA Catalyst Biosciences, Inc., South San Francisco, CA, UNITED STATES (U.S. corporation)
PI US 7030231 B1 20060418
AI US 1999-410362 19990930 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Helms, Larry R.; Assistant Examiner: Yu, Misook
LREP Wilson Sonsini Goodrich & Rosati
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN 11 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 5132
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L19 ANSWER 11 OF 13 USPATFULL on STN
AN 2005:298594 USPATFULL <<LOGINID::20090721>>
TI Compositions for treatment with glucagon-like peptide, and methods of making and using the same
IN Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI US 20050260259 A1 20051124
AI US 2005-112879 A1 20050422 (11)
PRAI US 2004-564710P 20040423 (60)
DT Utility
FS APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3100
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and GLP-1.

L19 ANSWER 12 OF 13 USPATFULL on STN
AN 2003:319225 USPATFULL <<LOGINID::20090721>>
TI Compositions for delivery of therapeutics and other materials, and methods of making and using the same
IN Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES

PI US 20030224974 A1 20031204
US 7138105 B2 20061121
AI US 2003-378100 A1 20030227 (10)
PRAI US 2002-360350P 20020227 (60)
DT Utility
FS APPLICATION
LREP Patent Group, Foley Hoag LLP, World Trade Center West, 155 Seaport Blvd., Boston, MA, 02210-2600
CLMN Number of Claims: 32
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 2657
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and an active agent.

L19 ANSWER 13 OF 13 USPATFULL on STN
AN 2002:322479 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
Nielsen, Ulrik B., Brookline, MA, UNITED STATES
Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PI US 20020182643 A1 20021205
US 7045283 B2 20060516
AI US 2001-981636 A1 20011016 (9)
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501
CLMN Number of Claims: 72
ECL Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 2405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

=> d his

(FILE 'HOME' ENTERED AT 15:59:11 ON 21 JUL 2009)

FILE 'MEDLINE, CAPLUS, BIOSIS, BIOTECHDS, EMBASE, USPATFULL, WPIDS'
ENTERED AT 15:59:32 ON 21 JUL 2009
L1 24075 S (HISTIDINE TAG OR HIS TAG OR POLY HIS TAG)
L2 13726 S L1 AND (CLEAV?)
L3 13 S L2 AND (TRANSITIONAL METAL)
L4 1926 S L2 AND (METAL IONS)
L5 8 S L3 AND L4
L6 13 S L3 AND (BUFFER)
L7 2 S L6 AND (REDUCING AGENT)
L8 0 S L6 AND (OXIDIZING AGENT)
L9 13 S L6 AND (COPPER OR CU OR COBALT OR CO)
L10 0 S L9 AND (HYDROGEN PEROXID OR H2O2)
L11 0 S L9 AND (ASCORBATE)
L12 0 S L3 AND (HYDRGEN PEROXIDE OR ASCORBATE)
L13 13 S L3 AND (OXIDIZING AGENT OR AGENTS)
L14 13 S L13 AND (REDUCING AGENT OR AGENTS)
L15 13 S L13 AND L14
L16 5 S L15 AND (HYDROGEN PEROXIDE)
L17 0 S L15 AND (ASCORBATE)
L18 13 S L15 AND (COPPER OR CU OR COBALT OR CO)
L19 13 DUP REM L18 (0 DUPLICATES REMOVED)

=> d L3 1-13 bib ab

L3 ANSWER 1 OF 13 USPATFULL on STN
AN 2009:172634 USPATFULL <<LOGINID::20090721>>
TI Antibodies to MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES

PA The Regents of the University of California (U.S. corporation)
PI US 20090155248 A1 20090618
AI US 2008-14067 A1 20080114 (12)
RLI Continuation of Ser. No. US 2005-254185, filed on 18 Oct 2005, ABANDONED Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, Pat. No. US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 23
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L3 ANSWER 2 OF 13 USPATFULL on STN
AN 2009:145929 USPATFULL <<LOGINID::20090721>>
TI SIALIC ACID ABC TRANSPORTERS IN PROKARYOTES THERAPEUTIC TARGETS
IN Gibson, Bradford W., Berkeley, CA, UNITED STATES
Munson, Robert S., Hilliard, OH, UNITED STATES
Post, Deborah M., Fairfax, CA, UNITED STATES
PA BUCK INSTITUTE, Novato, CA, UNITED STATES (U.S. corporation)
PI US 20090131524 A1 20090521
AI US 2006-916975 A1 20060531 (11)
WO 2006-US21202 20060531
20081222 PCT 371 date
PRAI US 2005-689151P 20050607 (60)
DT Utility
FS APPLICATION
LREP Weaver Austin Villeneuve & Sampson LLP, P.O. BOX 70250, OAKLAND, CA, 94612-0250, US
CLMN Number of Claims: 39
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 2903
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel bacterial sialic acid transporter that is a member of the family of ABC transporters. The transporter is a useful target for pharmaceuticals.

L3 ANSWER 3 OF 13 USPATFULL on STN
AN 2008:58714 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 polypeptides
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20080051559 A1 20080228
AI US 2007-669725 A1 20070131 (11)
RLI Division of Ser. No. US 2005-253869, filed on 18 Oct 2005, GRANTED, Pat. No. US 7227009 Division of Ser. No. US 1999-410362, filed on 30 Sep 1999, GRANTED, Pat. No. US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 16
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5329
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a

normal healthy organism indicates the presence or stage of the cancer.

L3 ANSWER 4 OF 13 USPATFULL on STN
AN 2007:183634 USPATFULL <<LOGINID::20090721>>
TI Method for assembling a polymer-biologic delivery composition
IN Turnell, William G., Del Mar, CA, UNITED STATES
Parcher, Benjamin W., San Diego, CA, UNITED STATES
Charles, Catherine H., Encinitas, CA, UNITED STATES
Pabba, Chittari, San Diego, CA, UNITED STATES
Vitiello, Maria A., La Jolla, CA, UNITED STATES
PA MediVas, LLC, San Diego, CA, UNITED STATES (U.S. corporation)
PI US 20070160622 A1 20070712
AI US 2006-636230 A1 20061207 (11)
PRAI US 2005-748486P 20051207 (60)
US 2006-858173P 20061110 (60)
DT Utility
FS APPLICATION
LREP DLA PIPER US LLP, 4365 EXECUTIVE DRIVE, SUITE 1100, SAN DIEGO, CA, 92121-2133, US
CLMN Number of Claims: 71
ECL Exemplary Claim: 1
DRWN 13 Drawing Page(s)
LN.CNT 4175
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A one-step method for assembly of delivery compositions for one or more antigens or therapeutic biologics is based on non-covalent affinity capture of molecules from solution using a biodegradable polymer having functional groups to which the affinity ligand binds. The polymer-bound affinity complex, which includes the molecule(s) of interest is then recovered from the reaction solution, for example, by size exclusion filtration, to yield the assembled delivery composition. The affinity ligand can be a monoclonal antibody or a metal affinity ligand with bound metal transition ion. The assembled delivery compositions can be formulated as polymer particles, which can then be lyophilized and reconstituted for in vivo delivery of the non-covalently complexed antigen(s) or therapeutic biologic(s) with substantial native activity.

L3 ANSWER 5 OF 13 USPATFULL on STN
AN 2006:308189 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
Nielsen, Ulrik B., Brookline, MA, UNITED STATES
Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060263801 A1 20061123
AI US 2006-361312 A1 20060224 (11)
RLI Division of Ser. No. US 2001-981636, filed on 16 Oct 2001, GRANTED, Pat. No. US 7045283
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501, US
CLMN Number of Claims: 24
ECL Exemplary Claim: 1-43
DRWN 8 Drawing Page(s)
LN.CNT 2216
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

L3 ANSWER 6 OF 13 USPATFULL on STN
AN 2006:280987 USPATFULL <<LOGINID::20090721>>
TI COMPOSITIONS FOR DELIVERY OF THERAPEUTICS AND OTHER MATERIALS, AND METHODS OF MAKING AND USING THE SAME
IN Bolotin, Elijah M., Kirkland, WA, UNITED STATES
PI US 20060239924 A1 20061026
AI US 2006-428803 A1 20060705 (11)
RLI Continuation of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING
PRAI US 2002-360350P 20020227 (60)
DT Utility
FS APPLICATION
LREP DARBY & DARBY P.C., P.O. BOX 5257, NEW YORK, NY, 10150-5257, US

CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 2631
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to biocompatible compositions comprising a carrier with a first metal binding domain, a metal ion, an active agent with second metal binding domain and optionally a protective chain covalently attached to the polymeric carrier.

L3 ANSWER 7 OF 13 USPATFULL on STN
AN 2006:124247 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 POLYNUCLEOTIDES AND POLYPEPTIDES
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060104979 A1 20060518
US 7227009 B2 20070605
AI US 2005-253869 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5095
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L3 ANSWER 8 OF 13 USPATFULL on STN
AN 2006:117783 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060099625 A1 20060511
AI US 2005-254185 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5119
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L3 ANSWER 9 OF 13 USPATFULL on STN
AN 2006:110718 USPATFULL <<LOGINID::20090721>>
TI Compositions for treatment with glucagon-like peptide, and methods of making and using the same
IN Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI US 20060093660 A1 20060504
AI US 2005-266002 A1 20051103 (11)
RLI Continuation of Ser. No. US 2005-112879, filed on 22 Apr 2005, PENDING
Continuation-in-part of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING

PRAI US 2004-564710P 20040423 (60)
      US 2002-360350P 20020227 (60)
DT   Utility
FS   APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL   Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3104
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and GLP-1.

L3 ANSWER 10 OF 13 USPATFULL on STN
AN   2006:95221 USPATFULL <<LOGINID::20090721>>
TI   Membrane type serine protease 1 (MT-SP1) and uses thereof
IN   Craik, Charles S., San Francisco, CA, UNITED STATES
      Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
      Shuman, Marc, San Francisco, CA, UNITED STATES
PA   Catalyst Biosciences, Inc., South San Francisco, CA, UNITED STATES (U.S. corporation)
PI   US 7030231 B1 20060418
AI   US 1999-410362 19990930 (9)
DT   Utility
FS   GRANTED
EXNAM Primary Examiner: Helms, Larry R.; Assistant Examiner: Yu, Misook
LREP Wilson Sonsini Goodrich & Rosati
CLMN Number of Claims: 6
ECL   Exemplary Claim: 1
DRWN 11 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 5132
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L3 ANSWER 11 OF 13 USPATFULL on STN
AN   2005:298594 USPATFULL <<LOGINID::20090721>>
TI   Compositions for treatment with glucagon-like peptide, and methods of making and using the same
IN   Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI   US 20050260259 A1 20051124
AI   US 2005-112879 A1 20050422 (11)
PRAI US 2004-564710P 20040423 (60)
DT   Utility
FS   APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL   Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3100
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and GLP-1.

L3 ANSWER 12 OF 13 USPATFULL on STN
AN   2003:319225 USPATFULL <<LOGINID::20090721>>
TI   Compositions for delivery of therapeutics and other materials, and methods of making and using the same
IN   Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI   US 20030224974 A1 20031204
      US 7138105 B2 20061121
AI   US 2003-378100 A1 20030227 (10)
PRAI US 2002-360350P 20020227 (60)
DT   Utility
FS   APPLICATION
LREP Patent Group, Foley Hoag LLP, World Trade Center West, 155 Seaport Blvd., Boston, MA, 02210-2600
CLMN Number of Claims: 32
ECL   Exemplary Claim: 1
DRWN 4 Drawing Page(s)

LN.CNT 2657
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to compositions comprising a carrier with a metal binding domain, a metal ion, and an active agent.

L3 ANSWER 13 OF 13 USPATFULL on STN
AN 2002:322479 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
    Nielsen, Ulrik B., Brookline, MA, UNITED STATES
    Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PI US 20020182643 A1 20021205
    US 7045283 B2 20060516
AI US 2001-981636 A1 20011016 (9)
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501
CLMN Number of Claims: 72
ECL Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 2405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

=> d L5 1-8 bib ab

L5 ANSWER 1 OF 8 USPATFULL on STN
AN 2009:145929 USPATFULL <<LOGINID::20090721>>
TI SIALIC ACID ABC TRANSPORTERS IN PROKARYOTES THERAPEUTIC TARGETS
IN Gibson, Bradford W., Berkeley, CA, UNITED STATES
    Munson, Robert S., Hilliard, OH, UNITED STATES
    Post, Deborah M., Fairfax, CA, UNITED STATES
PA BUCK INSTITUTE, Novato, CA, UNITED STATES (U.S. corporation)
PI US 20090131524 A1 20090521
AI US 2006-916975 A1 20060531 (11)
    WO 2006-US21202 20060531
                     20081222 PCT 371 date
PRAI US 2005-689151P 20050607 (60)
DT Utility
FS APPLICATION
LREP Weaver Austin Villeneuve & Sampson LLP, P.O. BOX 70250, OAKLAND, CA, 94612-0250, US
CLMN Number of Claims: 39
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 2903
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel bacterial sialic acid transporter that is a member of the family of ABC transporters. The transporter is a useful target for pharmaceuticals.

L5 ANSWER 2 OF 8 USPATFULL on STN
AN 2007:183634 USPATFULL <<LOGINID::20090721>>
TI Method for assembling a polymer-biologic delivery composition
IN Turnell, William G., Del Mar, CA, UNITED STATES
    Parcher, Benjamin W., San Diego, CA, UNITED STATES
    Charles, Catherine H., Encinitas, CA, UNITED STATES
    Pabba, Chittari, San Diego, CA, UNITED STATES
    Vitiello, Maria A., La Jolla, CA, UNITED STATES
PA MediVas, LLC, San Diego, CA, UNITED STATES (U.S. corporation)
PI US 20070160622 A1 20070712
AI US 2006-636230 A1 20061207 (11)
PRAI US 2005-748486P 20051207 (60)
    US 2006-858173P 20061110 (60)
DT Utility
FS APPLICATION
LREP DLA PIPER US LLP, 4365 EXECUTIVE DRIVE, SUITE 1100, SAN DIEGO, CA, 92121-2133, US
CLMN Number of Claims: 71

ECL Exemplary Claim: 1
DRWN 13 Drawing Page(s)
LN.CNT 4175
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A one-step method for assembly of delivery compositions for one or more antigens or therapeutic biologics is based on non-covalent affinity capture of molecules from solution using a biodegradable polymer having functional groups to which the affinity ligand binds. The polymer-bound affinity complex, which includes the molecule(s) of interest is then recovered from the reaction solution, for example, by size exclusion filtration, to yield the assembled delivery composition. The affinity ligand can be a monoclonal antibody or a metal affinity ligand with bound metal transition ion. The assembled delivery compositions can be formulated as polymer particles, which can then be lyophilized and reconstituted for in vivo delivery of the non-covalently complexed antigen(s) or therapeutic biologic(s) with substantial native activity.

L5 ANSWER 3 OF 8 USPATFULL on STN
AN 2006:308189 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
    Nielsen, Ulrik B., Brookline, MA, UNITED STATES
    Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060263801 A1 20061123
AI US 2006-361312 A1 20060224 (11)
RLI Division of Ser. No. US 2001-981636, filed on 16 Oct 2001, GRANTED, Pat. No. US 7045283
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501, US
CLMN Number of Claims: 24
ECL Exemplary Claim: 1-43
DRWN 8 Drawing Page(s)
LN.CNT 2216
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

L5 ANSWER 4 OF 8 USPATFULL on STN
AN 2006:280987 USPATFULL <<LOGINID::20090721>>
TI COMPOSITIONS FOR DELIVERY OF THERAPEUTICS AND OTHER MATERIALS, AND METHODS OF MAKING AND USING THE SAME
IN Bolotin, Elijah M., Kirkland, WA, UNITED STATES
PI US 20060239924 A1 20061026
AI US 2006-428803 A1 20060705 (11)
RLI Continuation of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING
PRAI US 2002-360350P 20020227 (60)
DT Utility
FS APPLICATION
LREP DARBY & DARBY P.C., P.O. BOX 5257, NEW YORK, NY, 10150-5257, US
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 2631
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB In part, the present invention is directed to biocompatible compositions comprising a carrier with a first metal binding domain, a metal ion, an active agent with second metal binding domain and optionally a protective chain covalently attached to the polymeric carrier.

L5 ANSWER 5 OF 8 USPATFULL on STN
AN 2006:110718 USPATFULL <<LOGINID::20090721>>
TI Compositions for treatment with glucagon-like peptide, and methods of making and using the same
IN Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI US 20060093660 A1 20060504
AI US 2005-266002 A1 20051103 (11)
RLI Continuation of Ser. No. US 2005-112879, filed on 22 Apr 2005, PENDING
    Continuation-in-part of Ser. No. US 2003-378100, filed on 27 Feb 2003, PENDING

PRAI US 2004-564710P 20040423 (60)
      US 2002-360350P 20020227 (60)
DT   Utility
FS   APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT
      BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL   Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3104
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   In part, the present invention is directed to compositions comprising a
      carrier with a metal binding domain, a metal ion, and GLP-1.

L5 ANSWER 6 OF 8 USPATFULL on STN
AN   2005:298594 USPATFULL <<LOGINID::20090721>>
TI   Compositions for treatment with glucagon-like peptide, and methods of
      making and using the same
IN   Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI   US 20050260259   A1 20051124
AI   US 2005-112879   A1 20050422 (11)
PRAI US 2004-564710P   20040423 (60)
DT   Utility
FS   APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT
      BLVD, BOSTON, MA, 02110, US
CLMN Number of Claims: 22
ECL   Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3100
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   In part, the present invention is directed to compositions comprising a
      carrier with a metal binding domain, a metal ion, and GLP-1.

L5 ANSWER 7 OF 8 USPATFULL on STN
AN   2003:319225 USPATFULL <<LOGINID::20090721>>
TI   Compositions for delivery of therapeutics and other materials, and
      methods of making and using the same
IN   Bolotin, Elijah M., Buffalo Grove, IL, UNITED STATES
PI   US 20030224974   A1 20031204
      US 7138105   B2 20061121
AI   US 2003-378100   A1 20030227 (10)
PRAI US 2002-360350P   20020227 (60)
DT   Utility
FS   APPLICATION
LREP Patent Group, Foley Hoag LLP, World Trade Center West, 155 Seaport
      Blvd., Boston, MA, 02210-2600
CLMN Number of Claims: 32
ECL   Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 2657
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   In part, the present invention is directed to compositions comprising a
      carrier with a metal binding domain, a metal ion, and an active agent.

L5 ANSWER 8 OF 8 USPATFULL on STN
AN   2002:322479 USPATFULL <<LOGINID::20090721>>
TI   Methods of high-throughput screening for internalizing antibodies
IN   Marks, James D., Kensington, CA, UNITED STATES
      Nielsen, Ulrik B., Brookline, MA, UNITED STATES
      Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PI   US 20020182643   A1 20021205
      US 7045283   B2 20060516
AI   US 2001-981636   A1 20011016 (9)
PRAI US 2000-241279P   20001018 (60)
DT   Utility
FS   APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA,
      94501
CLMN Number of Claims: 72
ECL   Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 2405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   This invention provides methods of identifying ligands that are
      internalized into a cell. The methods typically involve i) contacting
      the cell with a reporter non-covalently coupled to a ligand; ii)
      dissociating the reporter from the ligand and removing dissociated
      reporter from the surface of the cell; and iii) detecting the reporter

within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

=> d L7 1-2 bib ab

L7 ANSWER 1 OF 2 USPATFULL on STN
AN 2006:308189 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
Nielsen, Ulrik B., Brookline, MA, UNITED STATES
Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060263801 A1 20061123
AI US 2006-361312 A1 20060224 (11)
RLI Division of Ser. No. US 2001-981636, filed on 16 Oct 2001, GRANTED, Pat. No. US 7045283
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501, US
CLMN Number of Claims: 24
ECL Exemplary Claim: 1-43
DRWN 8 Drawing Page(s)
LN.CNT 2216
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

L7 ANSWER 2 OF 2 USPATFULL on STN
AN 2002:322479 USPATFULL <<LOGINID::20090721>>
TI Methods of high-throughput screening for internalizing antibodies
IN Marks, James D., Kensington, CA, UNITED STATES
Nielsen, Ulrik B., Brookline, MA, UNITED STATES
Kirpotin, Dimitri B., San Francisco, CA, UNITED STATES
PI US 20020182643 A1 20021205
US 7045283 B2 20060516
AI US 2001-981636 A1 20011016 (9)
PRAI US 2000-241279P 20001018 (60)
DT Utility
FS APPLICATION
LREP QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C., P O BOX 458, ALAMEDA, CA, 94501
CLMN Number of Claims: 72
ECL Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 2405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides methods of identifying ligands that are internalized into a cell. The methods typically involve i) contacting the cell with a reporter non-covalently coupled to a ligand; ii) dissociating the reporter from the ligand and removing dissociated reporter from the surface of the cell; and iii) detecting the reporter within said cell (if any is present) where the presence of the reporter within said cell indicates that the ligand binds to an internalizing receptor and is internalized.

=> d L16 1-5 bib ab

L16 ANSWER 1 OF 5 USPATFULL on STN
AN 2009:172634 USPATFULL <<LOGINID::20090721>>
TI Antibodies to MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20090155248 A1 20090618
AI US 2008-14067 A1 20080114 (12)
RLI Continuation of Ser. No. US 2005-254185, filed on 18 Oct 2005, ABANDONED
Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, Pat. No.

US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 23
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L16 ANSWER 2 OF 5 USPATFULL on STN
AN 2008:58714 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 polypeptides
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20080051559 A1 20080228
AI US 2007-669725 A1 20070131 (11)
RLI Division of Ser. No. US 2005-253869, filed on 18 Oct 2005, GRANTED, Pat. No. US 7227009 Division of Ser. No. US 1999-410362, filed on 30 Sep 1999, GRANTED, Pat. No. US 7030231
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 16
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5329
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L16 ANSWER 3 OF 5 USPATFULL on STN
AN 2006:124247 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 POLYNUCLEOTIDES AND POLYPEPTIDES
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060104979 A1 20060518
US 7227009 B2 20070605
AI US 2005-253869 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5095
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a

normal healthy organism indicates the presence or stage of the cancer.

L16 ANSWER 4 OF 5 USPATFULL on STN
AN 2006:117783 USPATFULL <<LOGINID::20090721>>
TI MT-SP1 serine protease
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA The Regents of the University of California (U.S. corporation)
PI US 20060099625 A1 20060511
AI US 2005-254185 A1 20051018 (11)
RLI Continuation of Ser. No. US 1999-410362, filed on 30 Sep 1999, PENDING
DT Utility
FS APPLICATION
LREP WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 94304-1050, US
CLMN Number of Claims: 21
ECL Exemplary Claim: 1-80
DRWN 8 Drawing Page(s)
LN.CNT 5119
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

L16 ANSWER 5 OF 5 USPATFULL on STN
AN 2006:95221 USPATFULL <<LOGINID::20090721>>
TI Membrane type serine protease 1 (MT-SP1) and uses thereof
IN Craik, Charles S., San Francisco, CA, UNITED STATES
Takeuchi, Toshihiko, San Francisco, CA, UNITED STATES
Shuman, Marc, San Francisco, CA, UNITED STATES
PA Catalyst Biosciences, Inc., South San Francisco, CA, UNITED STATES (U.S. corporation)
PI US 7030231 B1 20060418
AI US 1999-410362 19990930 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Helms, Larry R.; Assistant Examiner: Yu, Misook
LREP Wilson Sonsini Goodrich & Rosati
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN 11 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 5132
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention provides a novel membrane-type serine protease (designated MT-SP1) elevated expression of which is associated with cancer. In one embodiment, this invention provides a method obtaining a prognosis or of detecting or staging a cancer in an organism. The method involves providing a biological sample from the organism and detecting the level of a membrane type serine protease 1 (MT-SP1) in the sample, where an elevated level of the membrane-type serine protease, as compared to the level of the protease in a biological sample from a normal healthy organism indicates the presence or stage of the cancer.

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